

ITW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Group Art Unit 2681

In re

Patent Application of

Dr. Seyed A. Zekavat

Application No. 10/848,749

Confirmation No.: 4641

Filed: May 19, 2004

Examiner: David Q. Nguyen

“WIRELESS LOCAL POSITIONING
SYSTEM”

I, Holly Rhodes, hereby certify that this correspondence is being deposited with the US Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date of my signature.

Holly Rhodes

Signature

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR §1.97(c) and (e)(1)

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Sir:

The Examiner's attention is directed to the references which are listed on the attached Form PTO/SB/08A and/or PTO/SB/08B and copies of which are attached.

Citation of these references is respectfully requested.

No concession is made that these documents are prior art, and Applicant expressly reserves the right to antedate the documents as may be appropriate.

Respectfully submitted,

Daniel S. Jones

Daniel S. Jones

Reg. No. 42,697

File No. 066040-9763-02
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/848,749	
			Filing Date	May 19, 2004	
			First Named Inventor	Dr. Seyed A. Zekavat	
			Group Art Unit	2681	
			Examiner Name	Dr. Seyed A. Zekavat	
Sheet	1	of	2	Attorney Docket Number	066040-9763-02

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
		PAUL SHARKE, "Smart Cars," Mechanical Engineering, March 2003, pp. 50-52
		HOSSEIN JULA, ELIAS B. KOSMATOPOULOS, and PETROS A. IOANNOU, "Collision Avoidance Analysis for Lane Changing and Merging," IEEE Transactions on Vehicular Technology, November 2000, pp. 2295-2308, Vol. 49, No. 6
		ALEXANDER KANARIS, ELIAS B. KOSMATOPOULOS, and PETROS A. IOANNOU, "Strategies and Spacing Requirements for Lane Changing and Merging in Automated Highway Systems," IEEE Transactions on Vehicular Technology, November 2001, pp. 1568-1581, Vol. 50, No.6
		KEIJI SANEYOSHI, "Drive Assist System Using Stereo Image Recognition," IEEE Intelligent Vehicle Symp., pp. 230-235, Sept. 19-20, 1996
		"Car, Open Your Eyes," Hightech Report, February 2002, pp. 24-27
		HERMANN ROHLING, MARC-MICHAEL MEINECKE, MICHAEL KLOTZ, and URS LÜBBERT, "Research Activities in Automotive Radar," IEEE MSMW 2001 Symposium Proceedings, June 4-9, 2001, pp.48-51, Kharkov, Ukraine
		MANABU SEKINE, TETSUO SENOO, IKUHIRO MORITA, and HIROSHI ENDO, "Design Method for an Automotive Laser Radar System and Future Prospects for Laser Radar," Intelligent Vehicles Symposium '92, pp. 120-125, June 29 - July 1, 1992
		STEPHEN P. REICHHART, BRUCE YOUMANS, and ROGER DYGERT, "The Software Radio Development System," IEEE Personal Communications, August 1999, pp. 20-24,
		LAL. C. GODARA, "Application of Antenna Arrays to Mobile Communications, Part II: Beam-Forming and Direction-of-Arrival Considerations," PROCEEDINGS OF THE IEEE, August 1997, pp. 1195-1245, Vol. 85, No. 8.

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Sheet	2	of	2	Attorney Docket Number	066040-9763-02

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
		MERRILL I. SKOLNIK, "Introduction to Radar Systems," 1962, pp 2-3, Second Edition, McGraw-Hill, Inc., Singapore
		IMAD ELHAJJ, JINDONG TAN, YU SUN, and NING XI, "Supermedia Enhanced Human/Machine Cooperative Control of Robot Formations," Proceedings of the IEEE International Conference on Intelligent Robots and Systems EPFL, October 2002, Lausanne, Switzerland, pp. 1296-1301
		SEYED A. ZEKAVAT, "Mobile Base Station (MBS) Wireless with Applications in Vehicle Early Warning Systems," Proceedings the University of Texas at Austin 2003 Wireless Networking Symposium, Oct. 22-24, 2003
		SEYED A. ZEKAVAT, "A Novel Application for Wireless Communications in Vehicle Early Warning," IEEE Consumer Communications and Networking 2004, Las Vegas, NV, Jan. 5-8, 2004
		SEYED A. ZEKAVAT, HUI TONG, and JINDONG TAN, "A Novel Wireless Local Positioning System for Airport (Indoor) Security," Proceedings of SPIE Conference on Defense and Security 2004, April 12-16, 2004, Orlando FL
		SEYED A. ZEKAVAT, and HUI TONG, "Wireless Local Positioning System via DS-CDMA and Beamforming: A Perturbation Analysis," Submitted to IEEE Globecom04, November 29 - December 3, 2004, Dallas, TX
		COMMISSIONER MICHAEL J. COPPS, and COMMISSIONER KEVIN J. MARTIN, Revision of Part 15 of the Commission's Rules Regarding Ultra-Wideband Transmission Systems, "First Report and Order," pp. 2-118
		SEYED A. ZEKAVAT, JINGDONG TAN, and HUI TONG, "A Mobile Positioning System for Unmanned Vehicle Cooperation," SPIE symposium on Defense and Security, 2004

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